

INTERNATIONAL SEARCH REPORT

 Int. Application No.
 PCT/IB2004/004069

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C30B29/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C30B A44C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/014427 A (APOLLO DIAMOND, INC) 20 February 2003 (2003-02-20) the whole document	1-53
X	US 2003/205190 A1 (LINARES ROBERT C ET AL) 6 November 2003 (2003-11-06) paragraph '0070!	30, 31
Y	US 6 187 213 B1 (SMITH JAMES GORDON CHARTERS ET AL) 13 February 2001 (2001-02-13) examples 1, 2	30, 31
Y	US 4 316 385 A (DEVRIES ET AL) 23 February 1982 (1982-02-23) column 2, line 23 - line 62	30, 31
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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Date of the actual completion of the international search

14 April 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	LU T ET AL: "Characterization of a notable historic gem diamond showing the alexandrite effect" JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND PUBLISHING CO. AMSTERDAM, NL, vol. 193, no. 4, 15 October 1998 (1998-10-15), pages 577-584, XP004144488 ISSN: 0022-0248 page 581, right-hand column	54
T	-& GIA Instruments UK LTD http://www.giaainstruments.co.uk/DiamondView XP002324550 abstract	54-74
A	US 5 124 935 A (WALLNER ET AL) 23 June 1992 (1992-06-23) the whole document	54
A	EP 0 341 093 A (GERSAN ESTABLISHMENT) 8 November 1989 (1989-11-08) claim 8	54
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A	US 4 200 506 A (DRESCHHOFF, GISELA A M ET AL) 29 April 1980 (1980-04-29)	
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